

# EXHIBIT A

**CERTIFICATION OF FEMKE VAN 'T GROENEWOUT IN SUPPORT OF PGGM  
VERMOGENSBEHEER B.V.'S MOTION FOR APPOINTMENT AS LEAD PLAINTIFF  
AND APPROVAL OF ITS SELECTION OF COUNSEL**

PGGM Vermogensbeheer B.V. ("PGGM" or "Plaintiff") declares, as to the claims asserted under the federal securities laws, that:

1. PGGM did not purchase the security that is the subject of this action at the direction of Plaintiff's counsel or in order to participate in any private action.
2. PGGM is willing to serve as a representative party on behalf of the Class, including providing testimony at deposition and trial, if necessary.
3. Attached in Schedule "A" are PGGM's transactions in Hewlett-Packard Company (NYSE: HPQ) securities during the Class Period.
4. PGGM has full power and authority to bring suit to recover for its investment losses.
5. PGGM has fully reviewed the facts and allegations of a complaint filed in this action. Plaintiff has authorized the filing of a motion for appointment as lead plaintiff on its behalf in this action.
6. I, Femke van 't Groenewout, Senior Advisor Responsible Investment and Attorney at Law at PGGM, am authorized to make legal decisions on behalf of PGGM with regard to this action.
7. PGGM intends to actively monitor and vigorously pursue these actions for the benefit of the Class.
8. PGGM will endeavor to provide fair and adequate representation and work directly with the efforts of Class counsel to ensure that the largest recovery for the Class consistent with good faith and meritorious judgment is obtained.

F.

9. PGGM is currently serving as a representative party for a class action filed under the federal securities laws during the three years prior to the date of this Certification in *In re Bank of America Corp. Securities, Derivative, and Employment Retirement Income Security Act (ERISA) Litigation*, No. 09 MDL 2058 (S.D.N.Y.).

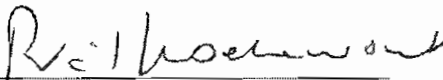
10. PGGM will not accept any payment for serving as a representative party on behalf of the class beyond Plaintiff's pro rata share of any recovery, except such reasonable costs and expenses (including lost wages) directly relating to the representation of the class as ordered or approved by the Court.

I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

Executed this <sup>th</sup>24 day of January, 2013.

PGGM Vermogensbeheer B.V.

By:



Femke van 't Groenewout  
Senior Advisor Responsible Investment &  
Attorney at Law

**SCHEDULE A**

<b><u>Security</u></b>	<b><u>Buy/Sell</u></b>	<b><u>Date</u></b>	<b><u>Quantity</u></b>	<b><u>Price</u></b>
Com Stk	Buy	2/29/2008	181,305	\$47.77
Com Stk	Buy	3/31/2008	174,461	\$46.01
Com Stk	Buy	3/31/2008	18,600	\$45.66
Com Stk	Buy	5/30/2008	142,218	\$47.06
Com Stk	Buy	6/20/2008	925	\$45.64
Com Stk	Buy	6/30/2008	5,326	\$44.41
Com Stk	Buy	7/2/2008	4,482	\$43.91
Com Stk	Buy	7/7/2008	76,483	\$44.00
Com Stk	Buy	7/8/2008	470	\$43.09
Com Stk	Buy	7/8/2008	28,915	\$43.45
Com Stk	Buy	8/28/2008	60	\$47.13
Com Stk	Buy	8/29/2008	115,599	\$46.98
Com Stk	Buy	10/1/2008	6,148	\$45.43
Com Stk	Buy	10/31/2008	81,968	\$38.33
Com Stk	Buy	11/18/2008	12,151	\$33.55
Com Stk	Buy	11/21/2008	904,079	\$33.26
Com Stk	Buy	11/21/2008	904,078	\$33.25
Com Stk	Buy	11/28/2008	272,425	\$35.01
Com Stk	Buy	12/2/2008	220	\$34.24
Com Stk	Buy	12/2/2008	8,980	\$34.27
Com Stk	Buy	12/8/2008	2,772	\$34.71
Com Stk	Buy	12/11/2008	1,978	\$35.73
Com Stk	Buy	12/19/2008	5,707	\$35.40
Com Stk	Buy	12/29/2008	144,419	\$35.58
Com Stk	Buy	12/30/2008	880	\$35.76
Com Stk	Buy	12/31/2008	116,033	\$36.29
Com Stk	Buy	1/7/2009	52,557	\$37.99
Com Stk	Buy	2/27/2009	130,448	\$29.03
Com Stk	Buy	3/5/2009	1,772	\$27.40
Com Stk	Buy	3/19/2009	80,960	\$29.30
Com Stk	Buy	3/31/2009	102,482	\$32.06
Com Stk	Buy	4/1/2009	1,027	\$32.88
Com Stk	Buy	5/29/2009	280,701	\$34.35
Com Stk	Buy	6/1/2009	29,608	\$36.02
Com Stk	Buy	6/26/2009	21,843	\$37.61
Com Stk	Buy	7/1/2009	57,116	\$38.68

Com Stk	Buy	7/31/2009	724,261	\$43.30
Com Stk	Buy	8/31/2009	92,453	\$44.89
Com Stk	Buy	8/31/2009	108,829	\$44.89
Com Stk	Buy	9/1/2009	26,750	\$43.89
Com Stk	Buy	9/18/2009	101,590	\$46.15
Com Stk	Buy	9/30/2009	39,574	\$47.21
Com Stk	Buy	9/30/2009	21,498	\$47.21
Com Stk	Buy	9/30/2009	40,689	\$47.21
Com Stk	Buy	9/30/2009	39,322	\$47.21
Com Stk	Buy	10/15/2009	7,091	\$48.00
Com Stk	Buy	12/1/2009	27,773	\$49.62
Com Stk	Buy	1/29/2010	1,583	\$47.40
Com Stk	Buy	2/26/2010	34,937	\$50.79
Com Stk	Buy	3/19/2010	77,454	\$52.49
Com Stk	Buy	5/26/2010	16,571	\$45.72
Com Stk	Buy	6/25/2010	18,820	\$45.92
Com Stk	Buy	6/30/2010	20,024	\$43.28
Com Stk	Buy	7/30/2010	10,325	\$46.04
Com Stk	Buy	7/30/2010	25,728	\$46.04
Com Stk	Buy	8/31/2010	21,433	\$38.48
Com Stk	Buy	8/31/2010	107,478	\$38.48
Com Stk	Buy	8/31/2010	170,700	\$38.48
Com Stk	Buy	9/1/2010	7,167	\$39.13
Com Stk	Buy	9/17/2010	154,450	\$39.17
Com Stk	Buy	12/31/2010	66,968	\$42.10
Com Stk	Buy	12/31/2010	25,126	\$42.10
Com Stk	Buy	12/31/2010	31,440	\$42.10
Com Stk	Buy	2/28/2011	119,780	\$43.63
Com Stk	Buy	3/18/2011	429	\$41.32
Com Stk	Buy	3/18/2011	114,130	\$41.32
Com Stk	Buy	4/29/2011	131,602	\$40.37
Com Stk	Buy	4/29/2011	48,250	\$40.37
Com Stk	Buy	5/31/2011	1,142,009	\$37.38
Com Stk	Buy	5/31/2011	134,827	\$37.37
Com Stk	Buy	5/31/2011	52,697	\$37.38
Com Stk	Buy	6/1/2011	132,444	\$36.69
Com Stk	Buy	6/17/2011	149,310	\$35.00
Com Stk	Buy	7/6/2011	13,288	\$36.20
Com Stk	Buy	8/2/2011	7,792	\$34.35
Com Stk	Buy	8/31/2011	23,038	\$26.03

Com Stk	Buy	11/30/2011	291,680	\$27.95
Com Stk	Buy	12/20/2011	8,429	\$25.91
Com Stk	Buy	1/31/2012	22,740	\$27.98
Com Stk	Buy	1/31/2012	90,532	\$27.98
Com Stk	Buy	1/31/2012	1,373,166	\$27.91
Com Stk	Buy	2/29/2012	30,490	\$25.31
Com Stk	Buy	2/29/2012	41,939	\$25.31
Com Stk	Buy	2/29/2012	149,673	\$25.45
Com Stk	Buy	3/16/2012	2,173	\$24.49
Com Stk	Buy	3/30/2012	1,783,062	\$23.78
Com Stk	Buy	3/30/2012	9,297	\$23.83
Com Stk	Buy	3/30/2012	56,067	\$23.83
Com Stk	Buy	4/17/2012	9,906	\$24.72
Com Stk	Buy	5/31/2012	23,169	\$22.68
Com Stk	Buy	5/31/2012	25,302	\$22.68
Com Stk	Buy	5/31/2012	21,277	\$22.68
Com Stk	Buy	5/31/2012	40,780	\$22.68
Com Stk	Buy	6/20/2012	11,361	\$21.16
Com Stk	Buy	6/29/2012	28,361	\$20.11
Com Stk	Buy	7/31/2012	60,933	\$18.24
Com Stk	Buy	7/31/2012	9,647	\$18.24
Com Stk	Buy	8/21/2012	1,537	\$19.93
Com Stk	Buy	10/9/2012	15,478	\$14.37
Com Stk	Sale	3/20/2008	88,384	\$46.51
Com Stk	Sale	3/25/2008	3,500	\$48.18
Com Stk	Sale	5/30/2008	40,909	\$47.06
Com Stk	Sale	6/18/2008	101,813	\$46.59
Com Stk	Sale	7/31/2008	100,259	\$44.79
Com Stk	Sale	8/29/2008	188,973	\$46.95
Com Stk	Sale	9/22/2008	340	\$47.88
Com Stk	Sale	9/30/2008	133,663	\$46.24
Com Stk	Sale	10/31/2008	132,382	\$38.28
Com Stk	Sale	11/17/2008	210	\$29.88
Com Stk	Sale	1/28/2009	36,942	\$37.16
Com Stk	Sale	1/30/2009	169,475	\$35.06
Com Stk	Sale	1/30/2009	100,594	\$34.75
Com Stk	Sale	2/27/2009	2,586,305	\$29.37
Com Stk	Sale	2/27/2009	66,418	\$29.37
Com Stk	Sale	3/6/2009	120	\$26.17
Com Stk	Sale	3/17/2009	80,960	\$29.27

Com Stk	Sale	3/20/2009	25,736	\$28.86
Com Stk	Sale	3/25/2009	1,950	\$31.15
Com Stk	Sale	4/30/2009	54,847	\$36.03
Com Stk	Sale	5/20/2009	365	\$35.25
Com Stk	Sale	5/27/2009	29,608	\$34.43
Com Stk	Sale	5/29/2009	107,035	\$34.35
Com Stk	Sale	6/1/2009	2,830	\$35.48
Com Stk	Sale	6/16/2009	51,264	\$36.84
Com Stk	Sale	6/19/2009	865	\$38.29
Com Stk	Sale	6/19/2009	7,782	\$38.36
Com Stk	Sale	6/25/2009	21,843	\$37.80
Com Stk	Sale	7/31/2009	177,681	\$43.30
Com Stk	Sale	8/27/2009	26,750	\$44.50
Com Stk	Sale	9/15/2009	101,590	\$45.60
Com Stk	Sale	9/18/2009	4,198	\$46.15
Com Stk	Sale	9/18/2009	13,731	\$46.17
Com Stk	Sale	10/30/2009	10,765	\$47.46
Com Stk	Sale	11/25/2009	27,773	\$50.07
Com Stk	Sale	11/30/2009	38,271	\$49.06
Com Stk	Sale	12/18/2009	7,180	\$51.50
Com Stk	Sale	12/18/2009	4,142	\$51.52
Com Stk	Sale	12/31/2009	106,270	\$51.51
Com Stk	Sale	12/31/2009	255,486	\$51.51
Com Stk	Sale	12/31/2009	166,776	\$51.51
Com Stk	Sale	2/12/2010	1,545	\$48.46
Com Stk	Sale	2/12/2010	6,732	\$48.47
Com Stk	Sale	2/24/2010	34,937	\$50.86
Com Stk	Sale	3/16/2010	77,454	\$52.31
Com Stk	Sale	3/19/2010	7,028	\$52.50
Com Stk	Sale	3/19/2010	2,768	\$52.49
Com Stk	Sale	3/31/2010	118,664	\$53.15
Com Stk	Sale	3/31/2010	179,359	\$53.16
Com Stk	Sale	4/30/2010	51,954	\$51.97
Com Stk	Sale	4/30/2010	134,626	\$51.97
Com Stk	Sale	5/24/2010	16,571	\$46.21
Com Stk	Sale	5/28/2010	62,125	\$46.01
Com Stk	Sale	6/9/2010	49,715	\$45.41
Com Stk	Sale	6/18/2010	6,129	\$47.99
Com Stk	Sale	6/18/2010	12	\$47.98
Com Stk	Sale	6/23/2010	18,820	\$46.84



Com Stk	Sale	6/30/2010	131,239	\$43.28
Com Stk	Sale	8/27/2010	28,600	\$37.78
Com Stk	Sale	9/14/2010	154,450	\$39.57
Com Stk	Sale	9/17/2010	31,737	\$39.51
Com Stk	Sale	10/29/2010	92,917	\$42.06
Com Stk	Sale	10/29/2010	41,904	\$42.06
Com Stk	Sale	11/16/2010	2,190	\$41.80
Com Stk	Sale	11/30/2010	118,037	\$41.93
Com Stk	Sale	1/11/2011	36,269	\$45.43
Com Stk	Sale	1/31/2011	89,836	\$45.69
Com Stk	Sale	1/31/2011	18,708	\$45.69
Com Stk	Sale	2/24/2011	119,780	\$42.63
Com Stk	Sale	3/15/2011	57,065	\$40.85
Com Stk	Sale	3/16/2011	57,065	\$40.67
Com Stk	Sale	3/31/2011	140,542	\$40.97
Com Stk	Sale	3/31/2011	47,899	\$40.97
Com Stk	Sale	5/25/2011	132,444	\$36.00
Com Stk	Sale	6/14/2011	74,655	\$34.80
Com Stk	Sale	6/15/2011	74,655	\$34.27
Com Stk	Sale	6/17/2011	7,944	\$35.00
Com Stk	Sale	6/28/2011	47,912	\$35.09
Com Stk	Sale	7/29/2011	2,256,952	\$35.31
Com Stk	Sale	8/31/2011	1,142,009	\$26.03
Com Stk	Sale	9/16/2011	4,726	\$23.53
Com Stk	Sale	11/22/2011	99,172	\$26.30
Com Stk	Sale	11/23/2011	96,254	\$25.81
Com Stk	Sale	11/28/2011	96,254	\$26.39
Com Stk	Sale	12/16/2011	49,427	\$25.84
Com Stk	Sale	2/23/2012	74,837	\$27.31
Com Stk	Sale	2/24/2012	74,836	\$26.72
Com Stk	Sale	3/30/2012	11,960	\$23.83
Com Stk	Sale	4/4/2012	5,605	\$23.26
Com Stk	Sale	4/30/2012	21,119	\$24.76
Com Stk	Sale	5/18/2012	3,838	\$21.66
Com Stk	Sale	7/10/2012	11,882	\$19.11
Com Stk	Sale	7/31/2012	69,860	\$18.24
Com Stk	Sale	7/31/2012	66,299	\$18.24
Com Stk	Sale	9/14/2012	1,733,786	\$18.17



**CERTIFICATION PURSUANT TO  
THE FEDERAL SECURITIES LAWS**

I, Tom Rinehart, Chief of Staff to the Oregon State Treasurer, as representative of the State of Oregon, by and through the Oregon State Treasurer on behalf of the Common School Fund and, together with the Oregon Public Employee Retirement Board on behalf of the Oregon Public Employee Retirement Fund ("Oregon"), hereby certify, as to the claims asserted under the federal securities laws, that:

1. I am the Chief of Staff to Oregon State Treasurer Ted Wheeler, and am authorized to execute this Certification on behalf of Oregon. I have reviewed a complaint filed in this matter. Oregon has authorized the filing of this motion for appointment as lead plaintiff.
2. Oregon did not purchase the securities that are the subject of this action at the direction of counsel or in order to participate in any action arising under the federal securities laws.
3. Oregon is willing to serve as a lead plaintiff and representative party on behalf of the Class, including providing testimony at deposition and trial, if necessary. Oregon fully understands the duties and responsibilities of the lead plaintiff under the Private Securities Litigation Reform Act, including the selection and retention of counsel and overseeing the prosecution of the action for the Class.
4. Oregon's transactions in the Hewlett-Packard Company securities that are the subject of this action are set forth in the chart attached hereto.
5. Oregon has sought to serve and was appointed as a lead plaintiff and representative party on behalf of a class in the following actions under the federal securities laws filed during the three-year period preceding the date of this Certification:

*In re Apollo Group, Inc. Securities Litigation*, Case No. 10-cv-1735 (D. Ariz.)

*In re Bank of New York Mellon Corporation Foreign Exchange Transactions Litigation*, Case No. 12-md-2335 (S.D.N.Y.)

*In re JPMorgan Chase & Co. Securities Litigation*,  
Case No. 12-cv-3852 (S.D.N.Y.)

6. Oregon is serving as a named plaintiff on behalf of a class in the following action under the federal securities laws filed during the three-year period preceding the date of this Certification:

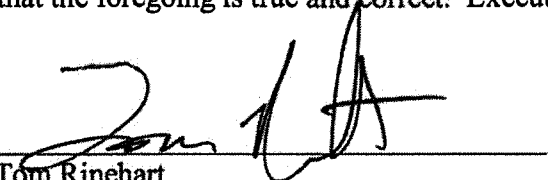
*Maine State Retirement System v. Countrywide Financial Corporation*,  
Case No. 10-cv-302 (C.D. Cal.)

7. Oregon has sought to serve as a lead plaintiff and representative party on behalf of a class in the following action under the federal securities laws filed during the three-year period preceding the date of this Certification, but either withdrew its motion for lead plaintiff or was not appointed lead plaintiff:

*Weinstein v. McClendon*, Case No. 12-cv-465 (W.D. Okla.)

8. Oregon will not accept any payment for serving as a representative party on behalf of the Class beyond Oregon's pro rata share of any recovery, except such reasonable costs and expenses (including lost wages) directly relating to the representation of the Class, as ordered or approved by the Court.

I declare under penalty of perjury that the foregoing is true and correct. Executed this 24 day of January 2013.



Tom Rinehart  
Chief of Staff  
Oregon State Treasurer Ted Wheeler  
*The State of Oregon by and through the Oregon  
State Treasurer on behalf of the Common  
School Fund and, Together with the Oregon  
Public Employee Retirement Board, on behalf of  
the Oregon Public Employee Retirement Fund*

**Transactions in Hewlett-Packard Company (HPQ)****Oregon Public Employee Retirement Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Purchase	3/5/2008	1,800	48.2643
Purchase	3/6/2008	10,400	48.2274
Purchase	3/6/2008	10,600	48.3487
Purchase	3/19/2008	94,600	47.2446
Purchase	3/20/2008	6,800	46.6662
Purchase	3/20/2008	100	46.3400
Purchase	4/14/2008	3,000	45.7900
Purchase	4/15/2008	61,900	45.5260
Purchase	4/16/2008	9,400	48.0000
Purchase	4/17/2008	39,300	47.3390
Purchase	4/17/2008	40,500	47.1029
Purchase	5/2/2008	850	48.2466
Purchase	5/14/2008	400	46.1150
Purchase	5/14/2008	17,100	46.1106
Purchase	5/16/2008	375,082	46.9306
Purchase	5/28/2008	700	46.4950
Purchase	5/29/2008	57,200	46.7257
Purchase	5/29/2008	1,100	46.7570
Purchase	5/30/2008	8,600	47.1049
Purchase	6/12/2008	700	47.0050
Purchase	6/12/2008	22,000	47.0552
Purchase	6/13/2008	920	47.3171
Purchase	6/13/2008	600	47.2950
Purchase	6/13/2008	22,800	47.5288
Purchase	7/1/2008	73,343	44.0000
Purchase	7/7/2008	680	44.6840
Purchase	7/14/2008	57,700	41.2956
Purchase	7/14/2008	10,200	41.6401
Purchase	7/15/2008	10,200	41.2148
Purchase	7/15/2008	900	41.1769
Purchase	7/15/2008	26,800	41.6633
Purchase	7/15/2008	10,600	41.0450
Purchase	7/16/2008	1,700	41.5816
Purchase	7/16/2008	1,200	41.4275
Purchase	7/17/2008	1,400	43.0195
Purchase	7/17/2008	12,700	43.2466
Purchase	7/17/2008	5,500	42.9768
Purchase	7/23/2008	14,400	44.3752
Purchase	7/23/2008	5,700	44.2638
Purchase	7/25/2008	11,600	43.6426
Purchase	7/25/2008	12,370	43.2926
Purchase	7/28/2008	720	43.6919
Purchase	8/14/2008	7,810	45.3847
Purchase	9/10/2008	430	46.7808

**Transactions in Hewlett-Packard Company (HPQ)****Oregon Public Employee Retirement Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Purchase	9/10/2008	66,989	46.8254
Purchase	9/10/2008	34,305	46.7958
Purchase	9/10/2008	25,729	46.7807
Purchase	9/10/2008	2,145	46.7150
Purchase	9/10/2008	33,881	46.6608
Purchase	9/10/2008	25,850	46.7630
Purchase	9/16/2008	93,100	48.2730
Purchase	10/1/2008	29,400	45.9831
Purchase	10/1/2008	19,600	45.4938
Purchase	10/1/2008	9,810	45.0177
Purchase	10/1/2008	30,689	46.2400
Purchase	10/1/2008	25,700	46.2400
Purchase	10/1/2008	39,885	46.2400
Purchase	10/2/2008	30,450	42.8358
Purchase	10/2/2008	27,000	42.8513
Purchase	10/13/2008	2,770	40.0062
Purchase	10/14/2008	64,500	42.5762
Purchase	10/16/2008	9,100	39.6906
Purchase	10/23/2008	320	35.0900
Purchase	10/23/2008	20,280	33.0134
Purchase	10/27/2008	10,970	31.5636
Purchase	10/30/2008	30	37.6900
Purchase	11/4/2008	18,860	37.9899
Purchase	11/5/2008	10,360	36.7836
Purchase	11/7/2008	10,830	34.2110
Purchase	11/12/2008	10,910	31.1799
Purchase	12/3/2008	720	34.0800
Purchase	12/12/2008	30,286	35.2328
Purchase	12/12/2008	68,333	35.6168
Purchase	12/15/2008	12,281	35.2654
Purchase	1/22/2009	15,400	34.6751
Purchase	1/30/2009	31,500	34.7598
Purchase	2/2/2009	9,560	34.8964
Purchase	2/2/2009	12,730	34.3500
Purchase	2/3/2009	15,590	35.4871
Purchase	2/4/2009	5,570	36.7903
Purchase	2/4/2009	25,210	36.8846
Purchase	2/4/2009	12,390	36.1131
Purchase	2/5/2009	18,580	34.9547
Purchase	2/5/2009	18,540	35.1340
Purchase	2/6/2009	9,730	35.8574
Purchase	2/6/2009	51,830	36.8799
Purchase	2/9/2009	15,970	36.4747
Purchase	3/9/2009	13,730	25.6123

**Transactions in Hewlett-Packard Company (HPQ)****Oregon Public Employee Retirement Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Purchase	3/11/2009	17,900	28.3730
Purchase	3/11/2009	21,900	28.6579
Purchase	3/11/2009	18,320	28.4147
Purchase	3/12/2009	6,880	29.0123
Purchase	3/12/2009	7,630	28.9492
Purchase	3/12/2009	3,440	29.2346
Purchase	3/13/2009	10,320	29.2953
Purchase	3/17/2009	17,150	29.4873
Purchase	3/18/2009	16,480	28.6959
Purchase	3/19/2009	60	29.3218
Purchase	3/19/2009	150	29.3213
Purchase	3/19/2009	7,310	29.2171
Purchase	3/20/2009	7,270	29.8759
Purchase	3/20/2009	11,050	29.7273
Purchase	3/23/2009	2,300	30.5612
Purchase	3/23/2009	15,900	30.6201
Purchase	3/25/2009	18,100	31.3986
Purchase	3/26/2009	21,680	32.9936
Purchase	3/26/2009	18,620	32.1974
Purchase	3/27/2009	30,300	33.3149
Purchase	3/30/2009	10,030	31.7489
Purchase	3/30/2009	10,090	31.7454
Purchase	3/31/2009	6,660	32.5023
Purchase	4/2/2009	5,892	34.3056
Purchase	4/7/2009	8,200	33.3027
Purchase	5/12/2009	8,338	34.9527
Purchase	5/20/2009	6,960	35.3334
Purchase	6/5/2009	74,200	37.3403
Purchase	6/22/2009	45,428	38.0900
Purchase	6/22/2009	10,059	38.2714
Purchase	6/24/2009	9,500	37.3089
Purchase	6/25/2009	15,100	38.0274
Purchase	6/29/2009	600	38.9900
Purchase	6/29/2009	9,900	38.5292
Purchase	7/16/2009	10,700	39.2303
Purchase	7/16/2009	3,400	39.8000
Purchase	7/22/2009	9,000	40.4957
Purchase	7/22/2009	3,200	40.4007
Purchase	7/24/2009	42,398	41.5074
Purchase	7/24/2009	1,937	41.4850
Purchase	7/27/2009	18,865	41.5204
Purchase	9/9/2009	5,330	45.8050
Purchase	9/9/2009	42,010	45.8313
Purchase	9/10/2009	72,760	46.1380

**Transactions in Hewlett-Packard Company (HPQ)****Oregon Public Employee Retirement Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Purchase	9/11/2009	18,540	46.0407
Purchase	9/15/2009	8,220	45.5136
Purchase	9/15/2009	490	45.5421
Purchase	10/7/2009	4,820	46.5969
Purchase	10/8/2009	3,250	46.5076
Purchase	10/15/2009	690	47.7626
Purchase	10/16/2009	2,620	47.8793
Purchase	10/19/2009	11,860	48.2591
Purchase	10/22/2009	1,670	48.0674
Purchase	11/12/2009	15,810	49.9103
Purchase	11/12/2009	15,020	49.7459
Purchase	12/2/2009	600	49.3674
Purchase	12/14/2009	310	50.6819
Purchase	12/14/2009	3,600	50.6680
Purchase	12/14/2009	10,500	50.6664
Purchase	2/17/2010	8,210	49.9013
Purchase	2/17/2010	10,460	49.9516
Purchase	2/17/2010	6,220	49.9823
Purchase	2/17/2010	25,520	49.9723
Purchase	3/3/2010	1,570	51.1752
Purchase	4/6/2010	30,590	53.9265
Purchase	4/20/2010	1,700	53.7906
Purchase	6/2/2010	6,810	47.1721
Purchase	6/2/2010	2,180	46.7294
Purchase	6/2/2010	4,640	46.5971
Purchase	6/15/2010	6,600	47.8829
Purchase	6/15/2010	3,300	47.3706
Purchase	6/15/2010	29,200	47.6654
Purchase	6/15/2010	9,900	47.8481
Purchase	6/15/2010	34,600	47.7529
Purchase	6/16/2010	39,700	47.8734
Purchase	6/16/2010	1,800	47.9479
Purchase	6/16/2010	6,720	47.4898
Purchase	6/16/2010	5,370	48.0738
Purchase	6/17/2010	580	47.4700
Purchase	6/17/2010	7,400	47.7807
Purchase	6/17/2010	5,450	48.0899
Purchase	6/21/2010	10,790	47.9539
Purchase	6/23/2010	3,350	47.1662
Purchase	6/24/2010	3,270	46.1815
Purchase	6/24/2010	2,690	46.6037
Purchase	6/25/2010	500	45.8700
Purchase	6/25/2010	43,300	46.2529
Purchase	6/25/2010	4,480	45.8690

**Transactions in Hewlett-Packard Company (HPQ)****Oregon Public Employee Retirement Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Purchase	7/2/2010	2,500	42.5693
Purchase	7/20/2010	11,400	45.9763
Purchase	7/26/2010	11,300	46.3176
Purchase	7/26/2010	14,100	46.3480
Purchase	8/4/2010	1,000	46.7058
Purchase	8/4/2010	20,200	46.7917
Purchase	8/4/2010	12,175	47.3471
Purchase	8/9/2010	23,248	42.8511
Purchase	8/9/2010	2,032	42.6933
Purchase	8/9/2010	4,300	43.0623
Purchase	8/9/2010	995	42.8175
Purchase	8/9/2010	439	42.9276
Purchase	8/9/2010	5,575	42.7656
Purchase	8/10/2010	401	42.6550
Purchase	8/10/2010	1,199	42.6095
Purchase	8/10/2010	359	42.8702
Purchase	9/13/2010	4,100	38.2954
Purchase	10/1/2010	1,625	40.9213
Purchase	10/1/2010	2,025	40.8746
Purchase	10/1/2010	1,225	40.9101
Purchase	10/6/2010	2,000	40.8749
Purchase	10/19/2010	1,800	42.7352
Purchase	10/27/2010	5,600	42.4924
Purchase	11/9/2010	7,150	44.4148
Purchase	11/18/2010	2,450	41.6205
Purchase	1/26/2011	6,150	47.0072
Purchase	1/26/2011	23,550	47.1016
Purchase	2/9/2011	51,500	48.3689
Purchase	2/23/2011	4,925	43.5915
Purchase	2/24/2011	14,760	42.4514
Purchase	2/24/2011	9,710	42.6307
Purchase	2/24/2011	34,476	42.5771
Purchase	2/24/2011	12,424	42.5417
Purchase	2/24/2011	5,771	43.1742
Purchase	2/24/2011	31,029	42.5824
Purchase	2/25/2011	86,000	42.4110
Purchase	2/25/2011	400	42.6563
Purchase	2/28/2011	11,300	43.0689
Purchase	3/4/2011	3,250	42.8500
Purchase	5/17/2011	175	36.5489
Purchase	5/17/2011	225	36.5500
Purchase	5/17/2011	800	36.9326
Purchase	5/17/2011	800	36.8864
Purchase	5/17/2011	800	36.8323



**Transactions in Hewlett-Packard Company (HPQ)****Oregon Public Employee Retirement Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Purchase	5/17/2011	800	36.9949
Purchase	5/17/2011	1,550	36.4785
Purchase	5/17/2011	300	36.5500
Purchase	5/17/2011	325	36.5083
Purchase	8/25/2011	11,000	25.0348
Purchase	8/25/2011	10,900	24.9940
Purchase	8/26/2011	40,000	24.8694
Purchase	8/30/2011	8,200	25.8469
Purchase	9/1/2011	11,100	25.7885
Purchase	9/2/2011	16,900	24.6966
Purchase	9/6/2011	3,200	23.1439
Purchase	9/8/2011	3,842	24.2047
Purchase	9/8/2011	14,009	24.4287
Purchase	9/8/2011	38,649	24.1800
Purchase	9/9/2011	1,900	22.8583
Purchase	9/12/2011	1,900	22.2497
Purchase	10/4/2011	3,000	21.9891
Purchase	10/12/2011	40,369	25.8900
Purchase	10/19/2011	109,141	25.1631
Purchase	10/26/2011	98,280	24.9077
Purchase	11/2/2011	2,900	26.0862
Purchase	11/7/2011	33,350	27.8057
Purchase	11/7/2011	30,210	27.4995
Purchase	11/8/2011	40,700	27.7347
Purchase	11/9/2011	38,620	26.6471
Purchase	11/11/2011	32,540	27.6954
Purchase	11/15/2011	79,826	28.1506
Purchase	11/15/2011	30,784	28.3154
Purchase	11/16/2011	54,280	28.0104
Purchase	11/17/2011	40	27.2900
Purchase	11/22/2011	78,046	26.3964
Purchase	11/22/2011	6,938	26.5300
Purchase	11/23/2011	6,556	26.2348
Purchase	11/23/2011	13,116	25.8185
Purchase	11/23/2011	13,112	26.0994
Purchase	11/23/2011	20,812	25.7300
Purchase	12/16/2011	11,000	25.8400
Purchase	12/22/2011	225	25.8883
Purchase	12/22/2011	1,003	25.8688
Purchase	12/22/2011	162	25.8500
Purchase	12/22/2011	583	25.8753
Purchase	12/22/2011	21,237	25.8293
Purchase	12/22/2011	42,348	25.7557
Purchase	12/22/2011	4,684	25.8595

**Transactions in Hewlett-Packard Company (HPQ)****Oregon Public Employee Retirement Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Purchase	12/22/2011	128	25.8666
Purchase	12/22/2011	600	25.9333
Purchase	12/27/2011	10,100	25.7341
Purchase	1/19/2012	4,010	27.1530
Purchase	1/19/2012	9,740	27.1449
Purchase	1/31/2012	7,728	27.7600
Purchase	1/31/2012	26,300	27.5500
Purchase	2/1/2012	6,289	28.3993
Purchase	2/1/2012	2,373	28.4879
Purchase	2/2/2012	3,125	28.5348
Purchase	2/2/2012	4,534	28.6482
Purchase	2/2/2012	2,851	28.7213
Purchase	2/14/2012	2,832	28.8473
Purchase	2/14/2012	2,543	28.8556
Purchase	2/14/2012	3,179	28.8243
Purchase	2/14/2012	1,906	28.8898
Purchase	2/14/2012	2,540	28.7276
Purchase	2/16/2012	6,239	29.8878
Purchase	2/16/2012	4,261	29.8165
Purchase	2/23/2012	10,100	27.2874
Purchase	2/23/2012	13,830	27.0208
Purchase	2/28/2012	300	26.1800
Purchase	3/1/2012	11,300	25.5164
Purchase	3/14/2012	6,600	24.2309
Purchase	3/21/2012	15,640	23.5642
Purchase	3/21/2012	3,910	23.7150
Purchase	3/21/2012	10,840	23.6089
Purchase	3/28/2012	17,740	23.7042
Purchase	3/30/2012	69,679	23.6100
Purchase	3/30/2012	364	23.7731
Purchase	3/30/2012	545	23.7758
Purchase	3/30/2012	902	23.7732
Purchase	3/30/2012	433	23.7759
Purchase	3/30/2012	327	23.7732
Purchase	4/18/2012	10,390	24.8942
Purchase	4/18/2012	4,690	24.7591
Purchase	4/20/2012	6,000	24.5561
Purchase	4/24/2012	29,950	24.3680
Purchase	4/25/2012	6,950	24.6084
Purchase	5/3/2012	28,995	24.7380
Purchase	5/10/2012	23,800	23.5049
Purchase	5/11/2012	10,000	23.4499
Purchase	6/6/2012	1,200	22.2733
Purchase	6/8/2012	4,100	22.2826

**Transactions in Hewlett-Packard Company (HPQ)****Oregon Public Employee Retirement Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Purchase	6/18/2012	4,300	21.0609
Purchase	6/19/2012	2,600	20.8682
Purchase	6/25/2012	92,330	19.9613
Purchase	6/25/2012	28,900	19.7433
Purchase	6/28/2012	6,700	19.2741
Purchase	7/9/2012	28,537	19.4300
Purchase	7/9/2012	4,100	19.4300
Purchase	7/19/2012	900	19.0689
Purchase	8/6/2012	100	18.7450
Purchase	8/6/2012	53,825	18.3443
Purchase	8/6/2012	100	18.7450
Purchase	8/6/2012	231	18.7700
Purchase	8/6/2012	21,134	18.7522
Purchase	8/15/2012	1,600	19.2900
Purchase	8/23/2012	13,100	17.9696
Purchase	8/23/2012	6,100	17.8842
Purchase	8/27/2012	3,400	17.4011
Purchase	9/4/2012	3,300	16.9265
Purchase	9/5/2012	597	17.2878
Purchase	9/5/2012	298	17.2984
Purchase	9/5/2012	1,186	17.2884
Purchase	9/5/2012	727	17.3044
Purchase	9/5/2012	2,197	17.2762
Purchase	9/5/2012	7,278	17.2649
Purchase	9/5/2012	501	17.2899
Purchase	9/5/2012	326	17.2950
Purchase	9/5/2012	726	17.2524
Purchase	9/5/2012	26,649	17.1924
Purchase	9/5/2012	41,450	16.9794
Purchase	9/5/2012	185	17.3011
Purchase	9/6/2012	3,570	17.3111
Purchase	10/2/2012	45,100	17.1018
Purchase	10/3/2012	1,700	15.2450
Purchase	11/8/2012	2,400	13.8267
Purchase	11/12/2012	1,500	13.4588
Sale	3/18/2008	(33,500)	46.4200
Sale	4/24/2008	(18,400)	48.5360
Sale	4/25/2008	(3,200)	47.0997
Sale	4/28/2008	(3,100)	47.5845
Sale	4/29/2008	(1,600)	47.6500
Sale	4/29/2008	(1,700)	47.8036
Sale	4/29/2008	(3,100)	47.8271
Sale	5/7/2008	(7,900)	49.2577

**Transactions in Hewlett-Packard Company (HPQ)****Oregon Public Employee Retirement Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Sale	5/7/2008	(5,200)	49.4805
Sale	5/8/2008	(2,000)	49.0077
Sale	5/13/2008	(18,700)	44.1932
Sale	5/13/2008	(14,400)	43.7306
Sale	5/13/2008	(28,800)	43.7991
Sale	5/13/2008	(104,684)	45.5670
Sale	5/13/2008	(25,840)	44.6937
Sale	5/13/2008	(109,688)	44.3004
Sale	5/13/2008	(13,063)	43.5451
Sale	5/13/2008	(12,925)	43.8612
Sale	5/14/2008	(30,200)	45.3350
Sale	5/14/2008	(17,600)	45.9191
Sale	5/19/2008	(8,900)	47.5104
Sale	5/19/2008	(6,000)	46.9998
Sale	5/21/2008	(55,600)	45.0881
Sale	5/22/2008	(4,800)	45.0000
Sale	5/22/2008	(38,900)	44.9951
Sale	5/22/2008	(16,300)	44.9690
Sale	5/22/2008	(41,544)	44.9147
Sale	5/22/2008	(47,757)	45.1450
Sale	5/22/2008	(66,973)	44.9551
Sale	5/22/2008	(44,649)	44.9539
Sale	5/22/2008	(50,908)	45.1174
Sale	5/22/2008	(60,841)	45.0051
Sale	5/23/2008	(16,796)	44.9000
Sale	5/23/2008	(36,781)	45.0950
Sale	5/23/2008	(15,062)	44.9534
Sale	5/23/2008	(26,789)	44.9009
Sale	6/5/2008	(11,000)	48.3301
Sale	6/17/2008	(65,248)	47.5228
Sale	6/24/2008	(21,040)	45.0879
Sale	7/2/2008	(2,472)	43.9096
Sale	7/15/2008	(3,900)	41.1300
Sale	7/15/2008	(73,013)	41.2323
Sale	7/30/2008	(11,600)	44.9399
Sale	7/30/2008	(14,540)	44.7149
Sale	7/31/2008	(26,300)	45.1321
Sale	8/5/2008	(3,400)	44.9058
Sale	8/6/2008	(34,982)	44.7200
Sale	8/6/2008	(3,820)	45.2917
Sale	8/8/2008	(3,735)	45.6629
Sale	8/8/2008	(3,540)	45.8830
Sale	8/18/2008	(3,750)	44.0813
Sale	8/26/2008	(3,760)	46.9090

**Transactions in Hewlett-Packard Company (HPQ)****Oregon Public Employee Retirement Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Sale	8/26/2008	(3,660)	46.8455
Sale	8/26/2008	(3,650)	46.8906
Sale	8/27/2008	(3,600)	46.8465
Sale	9/3/2008	(3,870)	45.1202
Sale	9/4/2008	(3,020)	44.3854
Sale	9/8/2008	(3,650)	45.3533
Sale	9/10/2008	(9,450)	46.7406
Sale	9/16/2008	(44,842)	47.3669
Sale	9/16/2008	(7,010)	44.6488
Sale	9/17/2008	(28,890)	46.5495
Sale	9/18/2008	(200)	47.1400
Sale	9/18/2008	(26,988)	46.9828
Sale	9/24/2008	(96,681)	46.6422
Sale	10/6/2008	(18,900)	40.8489
Sale	10/8/2008	(19,000)	40.2708
Sale	10/21/2008	(600)	38.6150
Sale	10/21/2008	(28,200)	38.3800
Sale	10/21/2008	(3,300)	38.0929
Sale	10/21/2008	(27,600)	38.8004
Sale	10/28/2008	(1,470)	31.5754
Sale	11/10/2008	(30)	35.0300
Sale	11/18/2008	(22,980)	33.0714
Sale	11/18/2008	(6,370)	32.0389
Sale	11/19/2008	(20,240)	33.8104
Sale	11/19/2008	(26,750)	33.9381
Sale	11/19/2008	(13,460)	33.6844
Sale	11/20/2008	(7,255)	33.2955
Sale	11/24/2008	(19,780)	34.9444
Sale	11/24/2008	(1,200)	35.4421
Sale	11/25/2008	(6,190)	33.2631
Sale	12/1/2008	(32,001)	34.0970
Sale	12/1/2008	(5,230)	33.5858
Sale	12/2/2008	(4,900)	33.5151
Sale	12/8/2008	(6,840)	35.3678
Sale	12/9/2008	(18,938)	35.2690
Sale	12/11/2008	(13,700)	35.0898
Sale	12/11/2008	(100)	35.5194
Sale	12/15/2008	(6,100)	35.2917
Sale	12/16/2008	(1,300)	35.0650
Sale	12/18/2008	(9,680)	36.0893
Sale	12/24/2008	(9,740)	34.5152
Sale	1/5/2009	(300)	36.6600
Sale	1/7/2009	(40,310)	37.7753
Sale	1/26/2009	(4,700)	35.6591

**Transactions in Hewlett-Packard Company (HPQ)****Oregon Public Employee Retirement Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Sale	2/6/2009	(5,000)	35.9100
Sale	2/6/2009	(5,000)	35.7200
Sale	2/10/2009	(400)	35.2866
Sale	2/10/2009	(7,600)	35.2169
Sale	2/11/2009	(1,000)	34.6702
Sale	2/11/2009	(5,100)	35.0403
Sale	2/11/2009	(3,300)	35.0235
Sale	2/17/2009	(24,640)	34.6445
Sale	2/18/2009	(1,500)	34.3692
Sale	2/18/2009	(34,610)	34.2378
Sale	2/18/2009	(18,630)	33.7069
Sale	2/19/2009	(12,400)	31.6031
Sale	2/20/2009	(15,719)	31.2373
Sale	2/23/2009	(31,400)	29.8931
Sale	2/25/2009	(20)	29.9250
Sale	2/25/2009	(8,630)	29.6839
Sale	2/25/2009	(8,200)	29.9250
Sale	2/25/2009	(30)	29.9200
Sale	3/2/2009	(10,824)	28.3688
Sale	3/3/2009	(34,910)	28.0206
Sale	3/4/2009	(6,690)	28.9307
Sale	3/4/2009	(13,150)	29.0428
Sale	3/9/2009	(18,900)	25.5742
Sale	3/10/2009	(25,200)	26.4056
Sale	3/10/2009	(10,287)	26.1294
Sale	3/23/2009	(400)	30.5123
Sale	3/23/2009	(3,500)	30.5597
Sale	3/31/2009	(11,422)	32.4184
Sale	4/6/2009	(26,200)	33.5200
Sale	4/13/2009	(9,400)	33.7836
Sale	4/14/2009	(9,990)	33.9653
Sale	4/15/2009	(9,810)	34.2079
Sale	4/15/2009	(10,150)	34.4443
Sale	4/15/2009	(10,150)	34.5797
Sale	4/16/2009	(6,420)	36.1262
Sale	4/17/2009	(18,512)	36.0713
Sale	4/20/2009	(6,550)	35.2156
Sale	4/21/2009	(18,030)	35.2208
Sale	4/24/2009	(7,700)	35.1400
Sale	5/1/2009	(8,790)	35.8772
Sale	5/4/2009	(6,650)	37.0700
Sale	5/6/2009	(6,800)	36.0629
Sale	5/7/2009	(9,800)	34.6142
Sale	5/7/2009	(1,300)	34.3702

**Transactions in Hewlett-Packard Company (HPQ)****Oregon Public Employee Retirement Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Sale	5/7/2009	(41,700)	34.4210
Sale	5/7/2009	(35,600)	34.5266
Sale	5/7/2009	(6,920)	35.1795
Sale	5/8/2009	(14,310)	33.5260
Sale	5/13/2009	(13,550)	34.2935
Sale	5/14/2009	(9,900)	34.3578
Sale	5/19/2009	(14,150)	36.0194
Sale	5/20/2009	(29,800)	34.9563
Sale	5/22/2009	(3,550)	34.1377
Sale	5/28/2009	(9,370)	34.7672
Sale	6/2/2009	(26,600)	36.1020
Sale	6/3/2009	(9,610)	35.3665
Sale	6/3/2009	(18,020)	35.3414
Sale	6/4/2009	(8,690)	36.0500
Sale	6/4/2009	(40,560)	35.9092
Sale	6/25/2009	(12,800)	37.4732
Sale	7/1/2009	(14,300)	38.6714
Sale	7/1/2009	(7,600)	38.9210
Sale	7/9/2009	(1,750)	37.2525
Sale	8/3/2009	(2,446)	43.1100
Sale	8/5/2009	(9,000)	42.9422
Sale	8/5/2009	(4,300)	42.9414
Sale	8/5/2009	(1,300)	42.8938
Sale	8/6/2009	(104,011)	42.3013
Sale	8/6/2009	(6,289)	42.3107
Sale	8/28/2009	(20,300)	44.6626
Sale	8/28/2009	(13,400)	44.9849
Sale	10/5/2009	(31,744)	46.1257
Sale	10/6/2009	(34,856)	46.6250
Sale	10/30/2009	(8,340)	47.5077
Sale	10/30/2009	(4,780)	48.3114
Sale	10/30/2009	(1,280)	48.3326
Sale	10/30/2009	(6,820)	47.6428
Sale	11/4/2009	(2,500)	47.9781
Sale	11/5/2009	(27,600)	48.5593
Sale	11/9/2009	(9,821)	48.9389
Sale	11/9/2009	(14,013)	49.0800
Sale	11/11/2009	(11,700)	49.8616
Sale	11/11/2009	(1,710)	49.8920
Sale	11/19/2009	(3,140)	49.8806
Sale	11/25/2009	(35,227)	50.0424
Sale	11/25/2009	(21,869)	50.0368
Sale	11/25/2009	(28,926)	50.0470
Sale	11/27/2009	(34,804)	49.1880



**Transactions in Hewlett-Packard Company (HPQ)****Oregon Public Employee Retirement Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Sale	11/27/2009	(34,383)	49.0026
Sale	11/30/2009	(96,850)	49.0909
Sale	11/30/2009	(30,768)	49.1247
Sale	12/1/2009	(38,672)	49.6060
Sale	12/2/2009	(11,220)	49.0136
Sale	12/3/2009	(11,980)	49.2757
Sale	12/3/2009	(2,530)	49.3630
Sale	12/4/2009	(10,080)	49.7303
Sale	12/4/2009	(15,300)	49.6853
Sale	12/4/2009	(3,060)	49.7324
Sale	12/4/2009	(6,120)	49.5408
Sale	12/7/2009	(10,770)	49.2710
Sale	12/7/2009	(6,670)	49.5857
Sale	12/7/2009	(130)	49.3948
Sale	12/9/2009	(4,410)	49.4346
Sale	12/15/2009	(81,710)	51.0152
Sale	12/15/2009	(5,200)	50.9900
Sale	12/15/2009	(7,350)	51.1261
Sale	1/27/2010	(12,300)	49.3046
Sale	2/18/2010	(13,130)	50.2268
Sale	2/18/2010	(2,390)	50.5761
Sale	2/18/2010	(3,460)	50.5693
Sale	2/18/2010	(18,490)	50.7416
Sale	2/18/2010	(5,090)	50.5607
Sale	2/18/2010	(4,680)	50.3370
Sale	2/18/2010	(3,170)	50.4000
Sale	2/25/2010	(100)	50.9200
Sale	4/20/2010	(43,800)	53.6748
Sale	4/30/2010	(2,200)	52.2845
Sale	6/3/2010	(13,630)	47.3235
Sale	6/29/2010	(9,740)	44.4240
Sale	6/29/2010	(15,760)	44.4240
Sale	6/29/2010	(8,650)	44.6908
Sale	6/29/2010	(3,190)	45.0347
Sale	6/29/2010	(12,760)	44.6238
Sale	7/2/2010	(9,100)	42.4672
Sale	7/8/2010	(1,800)	45.1171
Sale	7/8/2010	(1,400)	45.0357
Sale	8/16/2010	(2,200)	40.5725
Sale	8/17/2010	(14,300)	41.0593
Sale	8/18/2010	(4,635)	41.4870
Sale	8/18/2010	(2,065)	41.4943
Sale	8/19/2010	(100)	40.7600
Sale	8/19/2010	(13,078)	40.4435

**Transactions in Hewlett-Packard Company (HPQ)****Oregon Public Employee Retirement Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Sale	8/19/2010	(15,622)	40.5872
Sale	8/27/2010	(41,469)	37.8549
Sale	9/23/2010	(2,800)	40.5050
Sale	2/18/2011	(100)	48.6700
Sale	2/23/2011	(3,060)	43.2970
Sale	5/5/2011	(6,200)	41.0000
Sale	5/27/2011	(600)	36.9600
Sale	6/8/2011	(49,000)	35.5102
Sale	7/8/2011	(6,200)	36.0801
Sale	7/15/2011	(50,778)	35.0357
Sale	7/25/2011	(59,700)	37.2538
Sale	8/25/2011	(3,100)	25.0227
Sale	11/18/2011	(40)	27.6700
Sale	11/18/2011	(3,970)	28.1706
Sale	11/18/2011	(10,200)	28.2096
Sale	11/18/2011	(12,570)	28.0063
Sale	11/30/2011	(12,170)	28.0197
Sale	11/30/2011	(70)	28.1050
Sale	11/30/2011	(2,040)	28.0631
Sale	11/30/2011	(6,120)	27.9016
Sale	12/9/2011	(2,230)	28.0593
Sale	12/9/2011	(1,230)	28.2230
Sale	12/9/2011	(19,110)	28.0609
Sale	12/9/2011	(2,740)	28.2213
Sale	1/19/2012	(6,200)	27.1885
Sale	1/19/2012	(3,600)	27.1683
Sale	1/20/2012	(4,034)	27.6029
Sale	1/20/2012	(200)	27.6950
Sale	1/23/2012	(4,700)	28.6479
Sale	3/2/2012	(210)	25.4387
Sale	3/5/2012	(1,200)	24.9521
Sale	4/12/2012	(500)	24.7980
Sale	4/26/2012	(7,900)	24.7386
Sale	5/8/2012	(2,120)	23.1482
Sale	5/8/2012	(2,030)	23.2400
Sale	5/8/2012	(890)	23.2335
Sale	5/8/2012	(1,770)	23.2783
Sale	5/9/2012	(1,400)	23.1728
Sale	5/21/2012	(14,140)	21.5542
Sale	5/23/2012	(16,830)	20.7280
Sale	7/13/2012	(218,747)	18.9800
Sale	7/17/2012	(10,340)	18.6092
Sale	10/3/2012	(23,780)	15.5490
Sale	10/3/2012	(1,450)	15.2305

**Transactions in Hewlett-Packard Company (HPQ)****Oregon Public Employee Retirement Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Sale	10/4/2012	(19,800)	14.3085
Sale	10/4/2012	(11,310)	14.7333
Sale	10/4/2012	(15,240)	14.3576
Sale	10/4/2012	(30,930)	14.4567
Sale	10/4/2012	(17,620)	14.3647
Sale	10/4/2012	(19,810)	14.4041
Sale	10/4/2012	(14,800)	14.3188
Sale	10/4/2012	(14,140)	14.2950
Sale	10/15/2012	(28,995)	14.3801
Sale	11/12/2012	(5,413)	13.4214
Sale	11/12/2012	(6,089)	13.5520
Sale	11/12/2012	(7,441)	13.3573
Sale	11/13/2012	(8,118)	13.2669
Sale	11/13/2012	(5,412)	13.2310
Sale	11/13/2012	(43,000)	13.3159
Sale	11/14/2012	(5,412)	13.3179
Sale	11/14/2012	(10,823)	13.2536
Sale	11/14/2012	(6,765)	13.1774
Sale	11/14/2012	(5,412)	13.2478
Sale	11/15/2012	(10,146)	13.0130
Sale	11/15/2012	(6,764)	13.1686
Sale	11/15/2012	(3,524)	13.1504
Sale	11/15/2012	(3,381)	13.0756

**Transactions in Hewlett-Packard Company (HPQ)****Oregon Common School Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Purchase	4/25/2008	61,060	47.4500
Purchase	4/25/2008	17,329	47.4500
Purchase	5/2/2008	210	48.2466
Purchase	8/1/2008	50	44.0800
Purchase	9/10/2008	5,652	46.8254
Purchase	9/10/2008	2,895	46.7958
Purchase	9/10/2008	2,171	46.7807
Purchase	9/10/2008	181	46.7150
Purchase	9/10/2008	2,521	46.6608
Purchase	9/10/2008	2,181	46.7630
Purchase	9/12/2008	210	46.8479
Purchase	9/16/2008	7,850	48.2730
Purchase	10/14/2008	6,310	42.5762

**Transactions in Hewlett-Packard Company (HPQ)****Oregon Common School Fund**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Purchase	10/20/2008	60	39.7183
Purchase	12/3/2008	60	34.0800
Purchase	12/12/2008	2,968	35.2328
Purchase	12/12/2008	6,698	35.6168
Purchase	12/15/2008	1,204	35.2654
Purchase	1/6/2009	2,830	37.0600
Purchase	3/11/2009	1,880	28.3730
Purchase	3/11/2009	2,320	28.6579
Purchase	3/26/2009	2,286	32.9936
Purchase	3/26/2009	1,964	32.1974
Purchase	4/30/2009	400	36.1400
Purchase	5/4/2009	2,900	36.5000
Purchase	6/5/2009	8,250	37.3403
Purchase	7/24/2009	5,025	41.5074
Purchase	7/24/2009	229	41.4850
Purchase	7/27/2009	2,236	41.5204
Purchase	12/14/2009	40	50.6820
Purchase	7/26/2010	1,100	46.3176
Purchase	7/26/2010	1,400	46.3480
Purchase	8/4/2010	100	46.7058
Purchase	8/4/2010	2,100	46.7917
Purchase	2/24/2011	1,520	42.4514
Purchase	2/24/2011	1,000	42.6307
Purchase	3/21/2012	1,840	23.5642
Purchase	3/21/2012	460	23.7150
Purchase	3/21/2012	1,280	23.6089
Sale	5/13/2008	(9,387)	45.5670
Sale	5/13/2008	(9,836)	44.3004
Sale	5/13/2008	(2,317)	44.6937
Sale	5/13/2008	(1,171)	43.5451
Sale	5/13/2008	(1,159)	43.8612
Sale	5/14/2008	(2,800)	45.3350
Sale	5/22/2008	(3,786)	44.9147
Sale	5/22/2008	(4,352)	45.1450
Sale	5/22/2008	(6,103)	44.9551
Sale	5/22/2008	(4,069)	44.9539
Sale	5/22/2008	(4,639)	45.1174
Sale	5/22/2008	(5,545)	45.0051
Sale	5/23/2008	(1,531)	44.9000
Sale	5/23/2008	(3,352)	45.0950
Sale	5/23/2008	(1,372)	44.9534
Sale	5/23/2008	(2,441)	44.9009
Sale	6/5/2008	(1,000)	48.3301

**Transactions in Hewlett-Packard Company (HPQ)****Oregon Common School Fund**


<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Sale	6/13/2008	(850)	47.4500
Sale	7/31/2008	(2,100)	45.1321
Sale	5/7/2009	(4,640)	34.4210
Sale	5/7/2009	(3,950)	34.5266
Sale	6/2/2009	(3,100)	36.1020
Sale	6/25/2009	(1,400)	37.4732
Sale	8/5/2009	(1,000)	42.9422
Sale	8/5/2009	(500)	42.9414
Sale	8/6/2009	(11,561)	42.3013
Sale	8/6/2009	(699)	42.3107
Sale	8/28/2009	(2,260)	44.6626
Sale	8/28/2009	(1,490)	44.9849
Sale	10/5/2009	(3,527)	46.1257
Sale	10/6/2009	(3,873)	46.6250
Sale	11/5/2009	(3,070)	48.5593
Sale	11/25/2009	(3,911)	50.0424
Sale	11/25/2009	(2,428)	50.0368
Sale	11/25/2009	(3,211)	50.0470
Sale	11/27/2009	(3,864)	49.1880
Sale	11/27/2009	(3,817)	49.0026
Sale	11/30/2009	(10,751)	49.0909
Sale	11/30/2009	(3,416)	49.1247
Sale	12/1/2009	(4,293)	49.6060
Sale	5/11/2010	(340)	48.4200
Sale	5/24/2010	(130)	46.1400
Sale	11/18/2011	(1,120)	28.2096
Sale	11/18/2011	(430)	28.1706
Sale	11/30/2011	(1,330)	28.0197
Sale	11/30/2011	(10)	28.1050
Sale	11/30/2011	(220)	28.0631
Sale	11/30/2011	(670)	27.9016
Sale	12/9/2011	(250)	28.0593
Sale	12/9/2011	(130)	28.2230
Sale	12/9/2011	(2,100)	28.0609
Sale	12/9/2011	(300)	28.2213
Sale	6/21/2012	(1,080)	20.9393

**CERTIFICATION PURSUANT TO  
THE FEDERAL SECURITIES LAWS**

I, Regina Switzer, on behalf of Oklahoma Teachers Retirement System ("Oklahoma Teachers"), hereby certify, as to the claims asserted under the federal securities laws, that:

1. I have reviewed a complaint filed in this matter. Oklahoma Teachers has authorized the filing of this motion for appointment as lead plaintiff.
2. Oklahoma Teachers did not purchase the securities that are the subject of this action at the direction of counsel or in order to participate in any action arising under the federal securities laws.
3. Oklahoma Teachers is willing to serve as a lead plaintiff and representative party on behalf of the Class, including providing testimony at deposition and trial, if necessary. Oklahoma Teachers fully understands the duties and responsibilities of the lead plaintiff under the Private Securities Litigation Reform Act, including the selection and retention of counsel and overseeing the prosecution of the action for the Class.
4. Oklahoma Teachers' transactions in the Hewlett-Packard Company securities that are the subject of this action are set forth in the chart attached hereto.
5. Oklahoma Teachers has not sought to serve as a lead plaintiff or representative party on behalf of a class in any action under the federal securities laws filed during the three-year period preceding the date of this Certification.
6. Oklahoma Teachers will not accept any payment for serving as a representative party on behalf of the Class beyond Oklahoma Teachers' pro rata share of any recovery, except such reasonable costs and expenses (including lost wages) directly relating to the representation of the Class, as ordered or approved by the Court.

I declare under penalty of perjury that the foregoing is true and correct. Executed this 25 day of January, 2013.

  
\_\_\_\_\_  
Regina Switzer  
On behalf of  
*Oklahoma Teachers Retirement System*

**Oklahoma Teachers Retirement System****Transactions in Hewlett-Packard Company (HPQ)**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Purchase	5/27/2008	32,700	45.5356
Purchase	9/19/2008	29,000	48.6621
Purchase	9/24/2008	26,100	46.7831
Purchase	10/9/2008	21,400	40.3618
Purchase	10/17/2008	114,700	39.8751
Purchase	11/5/2008	18,700	36.5121
Purchase	11/6/2008	3,700	34.2700
Purchase	11/6/2008	3,500	34.2605
Purchase	11/6/2008	4,800	34.7146
Purchase	3/26/2009	3,700	32.7699
Purchase	4/20/2009	11,200	34.9362
Purchase	4/20/2009	64,700	35.2428
Purchase	6/23/2009	5,800	37.8077
Purchase	7/23/2009	77	40.9000
Purchase	7/23/2009	23,000	40.9000
Purchase	7/23/2009	2,323	40.9000
Purchase	9/22/2009	172,300	47.0597
Purchase	9/24/2009	97,100	46.7352
Purchase	4/16/2010	41,400	53.9655
Purchase	5/14/2010	57,000	47.1617
Purchase	5/20/2010	12,400	45.8786
Purchase	6/3/2010	6,200	47.3605
Purchase	6/4/2010	10,200	47.0148
Purchase	6/28/2010	18,300	46.2213
Purchase	6/29/2010	13,400	44.5188
Purchase	7/6/2010	4,500	43.1046
Purchase	7/26/2010	2,100	46.4889
Purchase	8/9/2010	20,000	42.7923
Purchase	8/9/2010	109,700	42.7644
Purchase	8/17/2010	34,130	41.0915
Purchase	8/26/2010	8,000	38.4443
Purchase	9/8/2010	9,900	38.4163
Purchase	9/16/2010	105,100	40.0094
Purchase	11/18/2010	8,100	41.6258
Purchase	11/19/2010	15,100	42.1472
Purchase	11/23/2010	41,900	43.6548
Purchase	12/3/2010	37,200	42.9575
Purchase	12/7/2010	4,300	42.7208
Purchase	12/10/2010	25,000	42.4787
Purchase	12/13/2010	23,100	41.8916
Purchase	12/13/2010	32,400	41.7963
Purchase	12/22/2010	8,200	41.5487
Purchase	2/23/2011	44,300	43.5728



**Oklahoma Teachers Retirement System****Transactions in Hewlett-Packard Company (HPQ)**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Purchase	3/9/2011	11,400	42.0393
Purchase	4/1/2011	17,600	40.8031
Purchase	5/3/2011	13,300	40.2284
Purchase	5/17/2011	49,900	36.9200
Purchase	6/15/2011	18,700	34.0912
Purchase	8/4/2011	5,600	32.9616
Purchase	8/5/2011	7,300	32.3168
Purchase	8/19/2011	86,300	23.5516
Purchase	9/6/2011	12,700	23.4881
Purchase	9/14/2011	29,800	23.0445
Purchase	3/9/2012	11,200	24.0814
Purchase	3/12/2012	54,300	24.0498
Purchase	3/13/2012	7,600	24.0102
Purchase	3/20/2012	54,100	24.0589
Purchase	4/25/2012	1,500	24.8300
Purchase	4/25/2012	100	24.8300
Purchase	4/25/2012	100	24.8300
Purchase	4/27/2012	1,861	24.7303
Purchase	5/8/2012	7,800	23.2326
Purchase	5/23/2012	35,200	20.9640
Purchase	6/15/2012	590	21.6358
Purchase	7/2/2012	36,100	20.0389
Purchase	7/3/2012	9,100	20.0611
Purchase	7/5/2012	20,200	20.2987
Purchase	7/17/2012	29,300	18.8616
Purchase	7/18/2012	5,500	19.1059
Purchase	9/21/2012	619	17.5848
Purchase	9/21/2012	13,100	17.5874
Purchase	10/9/2012	74,200	14.3579
Purchase	10/10/2012	28,100	14.2745
Purchase	10/25/2012	17,600	14.1583
Purchase	10/25/2012	6,400	14.1685
Purchase	10/26/2012	28,200	14.1102
Purchase	10/31/2012	17,200	13.9408
Purchase	11/16/2012	43,700	12.7615
Sale	5/2/2008	(10,540)	48.0000
Sale	5/13/2008	(62,400)	45.1220
Sale	5/13/2008	(29,500)	45.0000
Sale	8/18/2008	(30,700)	44.1147
Sale	8/18/2008	(32,600)	44.1024
Sale	11/13/2008	(145,400)	29.3858
Sale	1/29/2009	(64,410)	36.7112
Sale	12/16/2009	(176,400)	51.1620

**Oklahoma Teachers Retirement System****Transactions in Hewlett-Packard Company (HPQ)**

<u>Transaction</u>	<u>Date</u>	<u>Shares</u>	<u>Price</u>
Sale	12/23/2010	(12,100)	41.8923
Sale	2/8/2011	(33,200)	48.0706
Sale	2/10/2011	(2,600)	48.7645
Sale	2/16/2011	(11,300)	49.0270
Sale	2/16/2011	(32,800)	48.9006
Sale	2/23/2011	(120,000)	43.7677
Sale	5/18/2011	(140,500)	36.2741
Sale	6/2/2011	(138,800)	36.4239
Sale	12/2/2011	(3,400)	28.0165
Sale	12/5/2011	(16,300)	28.1732
Sale	4/20/2012	(8,702)	24.5979
Sale	5/22/2012	(191,927)	21.7317
Sale	6/28/2012	(2,061)	19.3600
Sale	7/24/2012	(1,659)	17.9800

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